



Instructions for use

for

Industrial styling clay

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This plasticine (called clay) meets very well the special needs of the designers in the car industry. In the planning stage of a new car 2D-sketches of the designers are being transformed into 3D-models by the clay modellers. This is done either by hand or milling-machine - first in different scales and then in full-size.

The outstanding and constant quality of FaberClay has convinced car modellers and designers all over the world and they made FaberClay their **NO.1**.

FaberClay holds fine edges and you can model very exact details.
FaberClay bonds very well with base-materials such as wood, foam or metal.
FaberClay doesn't crack or age and has almost no odour.
FaberClay doesn't dry out or shrink and it is possible to add fresh clay to the model even after years.

The ideal temperature range for working with the clay is between 15° and 25°C.
The recommended temperature range for storing is from -10°C to +50°C .

To make the clay soft and pliable it has to be warmed up to 60° C in an oven/drying closet. It will take 4 - 6 hours till the bars are completely warmed-up. Smaller quantities can be warmed-up in hot water. You may repeat the warm-up without any harm for the clay – however - you must avoid temperatures of more than 70° C.

The clay will be soft and smooth and can be added layer by layer on a dry and clean surface. You have to pay attention that the first layer is thin and added vigorously – like rubbing it in. This is very important so that the following layers will stick well to the base material. The next layers should overlap each other and should be added while being warm. During this process you must avoid to "rub-in" air bubbles. They will show up on the clay surface later. At this stage it is possible to give the rough form to the object.

After the clay has cooled down, the modellers work with metal loops and rakes to give shape to the model. After that the surface is evened and smoothed with flexible steel-blades and can finally be polished with a cotton rag and water.

If you want to change something, just add some more warm clay to the model: roughen the surface at the desired area, warm it up again with a hair-dryer and add some more warm clay. After it has cooled down the clay will not show any seams and you can start modelling again.

Please be aware that direct sunshine will heat up the surface and make it smooth and thus sensitive for scratches and dents.

You can make moulds in plaster or silicone from such a clay-model. Before moulding you have to cover the clay-model with shell-lacquer as a protective coat and releasing agent.

You can also varnish the model. As a releasing agent you can again use shell-lacquer or emulsion paint. Then you even out the surface with filler, sand it and at last you add opaque and transparent gloss lacquer.

If you have got more questions please contact us by phone or e-mail.

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